UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES
TOPOGRAPHIC AND GEOLOGIC SURVEY

# VALIER QUADRANGLE
PENNSYLVANIA
7.5 MINUTE SERIES (TOPOGRAPHIC)

5166 II SW (SUMMERVILLE)
5166 II SE (COOLSPRING)
5266 III SW (REYNOLDSVILLE)
5165 I NW (DAYTON)
5265 IV NW (PUNXSUTAWNEY)
5165 I SW (PLUMVILLE)
5265 IV SW (ROCHESTER MILLS)

79°07'30" — 79°00' — 41°00' — 40°52'30" — 57'30" — 55'

658 000m.E. — 659 — 660 — 661 — 662 — 664 — 665 — 666 — 667 — 668

4540 000m.N. — 4538 — 4537 — 4536 — 4535 — 4534 — 4533 — 4532 — 4531 — 4530 — 4529 — 4528 — 4527 000m.N.

1 630 000 FEET (SOUTH) — 1 630 000 FEET (NORTH) — 1 650 000 FEET (NORTH) — 1 650 000 FEET (SOUTH)

600 000 FEET (SOUTH) — 300 000 FEET (NORTH) — 270 000 FEET (NORTH) — 570 000 FEET (SOUTH)

BROOKVILLE 14 MI.
STANTON 8 MI.
RINGGOLD 3 MI.
PUNXSUTAWNEY (U.S. 119) 2 MI.
15 MI. TO U.S. 219
DU BOIS 22 MI.
SMICKSBURG 4 MI.
PLUMVILLE 9 MI.
(MARION CENTER) 5165 I SE
MARION CENTER 8 MI.
INDIANA 21 MI.

O L I V E R
P E R R Y
W E S T M A H O N I N G
N O R T H M A H O N I N G
Y O U N G

Oliveburg
Frostburg
Grange
Hamilton
Valier
Fordham
Horatio
Sportsburg
Trade City
Covode
M C C A L M O N T

Mapped, edited, and published by the Geological Survey

Control by USGS and NOS/NOAA

Topography by photogrammetric methods from aerial photographs taken 1967. Field checked 1968

Polyconic projection. 10,000-foot grid ticks based on Pennsylvania coordinate system, north and south zones. 1000-meter Universal Transverse Mercator grid ticks, zone 17, shown in blue

1927 North American Datum (NAD 27)

North American Datum of 1983 (NAD 83) is shown by dashed corner ticks. The values of the shift between NAD 27 and NAD 83 for 7.5-minute intersections are given in USGS Bulletin 1875

Fine red dashed lines indicate selected fence and field lines where generally visible on aerial photographs. This information is unchecked

Area covered by dashed light-blue pattern is subject to controlled inundation

Revisions compiled in cooperation with Commonwealth of Pennsylvania agencies from aerial photographs taken 1988 and other sources. Contours not revised. This information not field checked. Map edited 1993

UTM GRID AND 1993 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

SCALE 1:24 000

CONTOUR INTERVAL 20 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929

ROAD CLASSIFICATION

Primary highway, all weather, hard surface
Secondary highway, all weather, hard surface
Light-duty road, all weather, improved surface
Unimproved road, fair or dry weather
U. S. Route
State Route

PENNSYLVANIA
QUADRANGLE LOCATION

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY
DENVER, COLORADO 80225 OR RESTON, VIRGINIA 22092
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA—1993

## VALIER, PA.
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1968
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DMA 5165 I NE-SERIES V831

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